INDEX TO VOLUME II

1920

Section A: Index to authors. *Section B:* Index to subjects

The March number includes pages 1–196; proceedings, iii–xxv

The June number includes pages 197–326; proceedings, xxvii–xxxii

The September number includes pages 327–532; proceedings, xxxiii–xliii

The December number includes pages 534–720; proceedings, xlv–lxii

*Roman numerals, **in parenthesis,** in each part of this index, refer to the initial pages of the corresponding discussions in the section on proceedings of dental and stomatological societies. Arabic numerals, **in parenthesis,** refer to pages in the general introductory matter for the bound volume.*

SECTION A. INDEX TO AUTHORS

ASH, CHARLES F. A success or failure in bridge-work: which?, 591 (liii)

——. Discussion; paper by Clarence J. Grieves, xxxix

BALL, LOUISE C. Discussion; paper by A. Hopewell-Smith, xv

BARKER, LEWELLYS F. Oral sepsis and internal medicine, 43 (v)

BERGER, A. Discussion; paper by Charles F. Ash, lix

BERWICK, C. COLEMAN. The disinfection of the oral mucosa with crystal violet and brilliant green, 21

BEST, ELMER S. A further statement regarding "a plan to compile and publish authentic information and authoritative opinion on problems concerning pulpless teeth and pulp devitalization," 285

BLUM, THEODOR. Discussion; paper by A. Hopewell-Smith, xiv

CHAYES, H. E. S. Discussion; paper by Charles F. Ash, lx

DARBY, EDWIN T. Newell Sill Jenkins; an appreciation, 187

DARLING, BYRON C. Discussion; paper by Lewellys F. Barker, viii

DUNNING, WILLIAM B. Editor, scientific proceedings, First District Dental Society of the State of New York, v, xxxv, liii

——. Discussion; paper by Clarence J. Grieves, xxxv, xliii

EDITORS, Board of. Samuel James Meltzer; in memoriam, 534

EVANS, GEORGE, SR. Discussion; paper by A. Hopewell-Smith, xiii, xiv

GIES, WILLIAM J. Endowment fund for the support of the Journal of Dental Research: fifth report, 195
——. ——: sixth report, 325
——. ——: seventh report, 531
——. ——: eighth report, 719
——. Experimental studies of the validity of advertised claims for products of public importance in relation to oral hygiene or dental therapeutics. 3. Mennen's Cream Dentifrice, advertised as an acid dentifrice, is alkaline in reaction (with Maxwell Karshan), 293
——. ——. 4. Pepsodent "Bulletin No. 4" does not show that Pepsodent exerts appreciable digestive action on dental mucin plaques, 299
——. ——. 5. May the use of Pebeco Tooth-Paste, twice a day, be reasonably regarded as a part of "the basis of correct oral hygiene?": Part I.—Preliminary tests of the relative toxicity of potassium chlorate for tadpoles and newts, 313
——. ——. 6. ——: Part II.—Tests of the relative toxicity of potassium chlorate after intravenous injection into albino rats, 511
——. Fundors of the Journal of Dental Research; second annual report, (27)
GILLETT, H. W. Discussion; paper by Charles F. Ash, lviii
——. Discussion; paper by Lewellys F. Barker, v, xi
GREGORY, WILLIAM K. The origin and evolution of the human dentition (a palaeontological review): Part I.—Stages of ascent from the Silurian fishes to the mammals of the age of reptiles, 89
——. ——: Part II.—Stages of ascent from the paleocene placental mammals to the lower primates, 215
——. ——: Part III.—Nature's earlier experiments in evolving large-eyed and short-jawed primates, 357
——. ——: Part IV.—The dentition of the higher primates and their relationships with man, 607
GRIEVES, CLARENCE J. A classification of teeth the diseased pulps and apices of which are related to infective focal and systemic sequelae, 327 (xxxv)

HARTZELL, THOMAS B. A microscopic study of pulps from infected teeth (with Arthur T. Henrici), 537
HENRICI, ARTHUR T. A microscopic study of pulps from infected teeth (with Thomas B. Hartzell), 537
HIRSCHFELD, I. Discussion; paper by A. Hopewell-Smith, xvi
HOPEWELL-SMITH, A. Concerning human cementum, 59 (xiii)

KARSHAN, MAXWELL. Experimental studies of the validity of advertised claims for products of public importance in relation to oral hygiene or dental therapeutics. 3. Mennen's Cream Dentifrice, advertised as an acid dentifrice, is alkaline in reaction (with William J. Gies), 293
KAUFFER, H. J. Discussion; paper by Lewellys F. Barker, xii
——. Discussion; paper by A. Hopewell-Smith, xiii
KELLS, C. EDMUND. Comment on McCormack's "plea for a standardized technique for oral radiography," 551

LANG, ALPHONSE. Calcification in the pulp of teeth affected by pyorrhea, with an outline of a method of demonstrating the presence of tubules in the calcified portions of such pulp (with Guthrie McConnell), 203
LOWY, ALEXANDER. A medicated toothpaste, with a full statement of its composition, 565

MCCONNELL, GUTHRIE. Ciliated epithelium in a granuloma, 197
——. Calcification in the pulp of teeth affected by pyorrhea, with an outline of a method of demonstrating the presence of tubules in the calcified portions of such pulp (with Alphonse Lang), 203

McCormack, Franklin W. A plea for a standardized technique for oral radiography, with an illustrated classification of findings and their verified interpretations, 467
——. Reply to Kells' comment on McCormack's "plea for a standardized technique for oral radiography," 557
McKay, Frederick S. Discussion; paper by A. Hopewell-Smith, xv
MacDonald, C. Franklin. Reviews of books by Head and by Wallis, (39)
Marshall, John S. An experimental study, with certain "vital dyes," of the persistent teeth of the albino rat, 1
Maves, T. W. Discussion; paper by Charles F. Ash, lvii
Merritt, Arthur H. Progressive dentistry and stomatology. 2. Periodontology, with special reference to periodontoclasia, 77

Novitzky, Josef. Progressive dentistry and stomatology. 3. The problem of devitalized (dead) teeth, 567
——. ——. 5. Reply to Rhein's comment on Novitzky's discussion of "the problem of devitalized (dead) teeth," 585

Parkhurst, Charles E. Editor, scientific proceedings, Massachusetts Dental Society, xlvii
Porter, L. J. Review of a book by Dewey, (36)

Raymond, E. H., Jr. Review of a book by Endelman and Wagner, (33)
Rhein, M. L. Progressive dentistry and stomatology. 4. Comment on Novitzky's discussion of "the problem of devitalized (dead) teeth," 579
——. Discussion; paper by Lewellys F. Barker, ix
——. Discussion; paper by Clarence J. Grieves, xxxix
——. Discussion; paper by A. Hopewell-Smith, xiv, xv

Shields, N. T. Discussion; paper by Charles F. Ash, lvii
——. Discussion; paper by Lewellys F. Barker, viii
——. Discussion; paper by Clarence J. Grieves, xxxix
——. Discussion; paper by A. Hopewell-Smith, xv
Speers, William J. President's annual address, Massachusetts Dental Society (1920), xlvii
Stillman, P. R. Discussion; paper by Charles F. Ash, lvi

Thompson, J. Campbell. Speed, efficiency, and painlessness, in tooth-cavity preparation, xix
Tishler, Benjamin. "Prophylaxis," xxix
Tracy, W. D. Discussion; paper by Charles F. Ash, lvi
——. Discussion; paper by A. Hopewell-Smith, xiv
Tuttle, J. H. Discussion; paper by Charles F. Ash, lx

Van Woert, F. T. Review of a book by Wendell, (33)
Vaughan, H. S. Discussion; paper by Charles F. Ash, lv

Waugh, L. M. Discussion; paper by Charles F. Ash, liii
——. Discussion; paper by A. Hopewell-Smith, xiv
Way, T. Irving. The John R. Callahan memorial fund, 193
Wyman, Eugene B. Editor, scientific proceedings, Harvard Odontological Society, xix, xxix

Zentler, Arthur. The surgical treatment of suppurative gingivitis, so-called pyorrhea, xvii
——. Announcement by the Oral Hygiene Committee of the First District Dental Society of the State of New York, xviii

SECTION B. INDEX TO SUBJECTS

ACETONE; in oral disinfection, 21
Acid dentifrice; Mennen's Cream Dentifrice not acid as advertised, 293
Address, president's annual; Massachusetts Dental Society (1920), xlvii
Advertised claims; falsity of, for Mennen's Cream Dentifrice, 293
——; for Pebeco Tooth-paste, studied from the standpoint of the toxicity of potassium chlorate, 313, 511
——; for Pepsodent, exaggerated, 299
Alcohol; in oral disinfection, 21
Alkaline mouth wash; utility in effecting oral disinfection by Berwick's method, 21
Alveolitis; radiograms, 467, 494
Annual address, president's; Massachusetts Dental Society (1920), xlvii
Anthropoid apes; evolution of dentition, 632
Apes, anthropoid; evolution of dentition, 632
Arsenite of sodium; toxicity compared with that of potassium chlorate, 313

BACTERIOLOGY; of oral mucosa, before and after application of disinfectants, 21
Berwick's method; for oral disinfection, 21
Blood and blood-building organs; diseases due to oral sepsis, 43 (v)
Book reviews, (33)
Bridge, dental. See bridge-work
Bridge-work; success or failure, 591 (liii)
Brilliant green; oral disinfectant, 21

CALCIFICATION; in dental pulp, 203
Callahan, John R.; memorial fund report, 193
Castile soap; toxicity compared with that of potassium chlorate, 511
Cementum; character, composition, 59 (xiii)
——; histology, 1, 59 (xiii)
——; relation to enamel, 59 (xiii)
——; relation to the condition of "dead" teeth, 13, 74 (xiii)
Changes and errors; summary for no. 4 of Vol. I and 1, 2 and 3 of Vol. II, (41)
Chlorate: *potassium;* relative toxicity, in its bearing on the use of Pebeco Tooth-paste, 313, 511
——: *sodium;* toxicity compared with that of potassium chlorate, 511
Chloride: *mercury;* toxicity compared with that of potassium chlorate, 313
——: *potassium;* toxicity compared with that of potassium chlorate, 511
——: *sodium;* toxicity compared with that of potassium chlorate, 313, 511
Ciliated epithelium; in a granuloma, 197
Circulatory apparatus; diseases due to oral sepsis, 43 (v)
Claims, advertised; falsity of, for Mennen's Cream Dentifrice, 293
——; for Pebeco Tooth-paste, studied from the standpoint of the toxicity of potassium chlorate, 313, 511
——; for Pepsodent, exaggerated, 299
Classification; oral radiographic findings, with verified interpretations, 467, 551, 557
——; teeth, with special reference to infective focal and systemic sequelae, 327 (xxxv)
Composition; "F. E. I." tooth-paste, 565
Crystal violet; oral disinfectant, 21
Cyst; radiograms, 467, 498

"DEAD" teeth; can they be safely retained? 567, 579, 585
——; classification, with reference to infective focal and systemic sequelae, 327 (xxxv)
——; Novitzky's surgical method for their removal, 567, 579, 585
——; relation of cementum and pericementum, 74 (xiii), 567, 579, 585
——; research plan, 285
Dental and stomatological societies: lists of names, 722, iv, xxviii, xxxiv, xlvi
——: scientific proceedings, i, first section, iii; second section, xxvii; third section, xxxiii; fourth section, xlv
——: ——; discussion, v, xiii, xxxv, liii

Dental research: *Journal* endowment fund; fifth report, 195; sixth report, 325; seventh report, 531; eighth report, 719
——: plan pertaining to pulpless teeth and pulp devitalization, 285
Dental therapeutics; studies of the validity of advertised claims for products of public importance in relation to oral hygiene or dental therapeutics, 293, 299, 313, 511
Dentifrices; alkaline mouth wash a valuable prelude in oral disinfection by Berwick's method, 21
——; "F. E. I.," a medicated tooth-paste, 565
——; Mennen's Cream Dentifrice not acid as advertised, 293
——; Pebeco Tooth-paste studied from the standpoint of the toxicity of potassium chlorate, 313, 511
——; Pepsodent "Bulletin No. 4" does not show that Pepsodent exerts appreciable digestive action on dental mucin plaques, 299
——; studies of the validity of advertised claims, 293, 299, 313, 511
Dentine; histology, 1
Dentists; in coöperation with physicians, 43 (v)
Dentition; origin and evolution, 89, 215, 357, 607
Devitalization, pulp; research plan, 285
Devitalized teeth; can they be safely retained?, 567, 579, 585
——; Novitzky's surgical method for their removal, 567, 579, 585
Dianil blue; teeth stained therewith, 16, 18
Digestive action; Pepsodent negative in the mouth, 299
Digestive system; diseases due to oral sepsis, 43 (v)
Discussion; papers by
Ash, C. F., liii
Barker, L. F., v
Grieves, C. J., xxxv
Hopewell-Smith, A., xiii
——; scientific proceedings of dental and stomatological societies, v, xiii, xxv, liii
Diseases, systemic; and oral sepsis, 43 (v)
——; classification of related teeth with diseased pulps, 327 (xxxv)
——; relation of devitalized (dead) teeth, 567, 579, 585
Disinfection; of oral mucosa, 21
Dyes; oral disinfectants, 21
——; vital: teeth stained therewith, 1

ENAMEL; histology, 1
——; relation to cementum, 59 (xiii)
Endocrinic system; diseases due to oral sepsis, 43 (v)
Endowment fund, Journal of Dental Research: fifth report, 195, sixth report, 325; seventh report, 531; eighth report, 719
Epithelium, ciliated; in a granuloma, 197
Errors and changes; summary for No. 4 of Vol. I and for Nos. 1, 2 and 3 of Vol. II, (41)
Ether; in oral disinfection, 21
Evolution; human dentition, 89, 215, 357, 607

"F. E. I."; medicated tooth-paste, 565
First District Dental Society, N. Y.; announcement, Oral Hygiene Committee, xviii
——; scientific proceedings, v, xxxv, liii
——; ——, discussion of papers, v, xiii, xxxv, liii
Fishes; evolution of dentition, 89
Fixed bridge. See bridge-work
Focal infection; classification of teeth with diseased pulps, 327 (xxxv)
——; devitalized (dead) teeth, 567, 579, 585
——; relation to systemic diseases, 43 (v)
Fund: endowment, JOURNAL OF DENTAL RESEARCH; fifth report, 195; sixth report, 325; seventh report, 531; eighth report, 719
——: memorial; John R. Callahan, 193
Fundors; Journal of Dental Research, second annual registration, (27)

GINGIVITIS, suppurative; surgical treatment, xvii. See also periodontoclasia
Granuloma; ciliated epithelium, 197
——; radiograms, 467, 496
Grieves' classification of teeth with diseased pulps, 327 (xxxv)
Gums; disinfection, 21. See also periodontoclasia

HARVARD Odontological Society; scientific proceedings, xix, xxix
Hydroquinone; in oral disinfection, 21
Hygiene, oral; prophylactic procedure, xxix
——; studies of the validity of advertised claims for products of public importance in relation to oral hygiene or dental therapeutics, 293, 299, 313, 511

INFECTION: dental pulp; before exposure by caries, 537
——: focal; and systemic diseases, 43 (v)
——: ——; classification of teeth with diseased pulps, 327 (xxxv)
——: ——; devitalized (dead) teeth, 567, 579, 585
Internal medicine; and oral sepsis, 43 (v)
Iodine; in oral disinfection, 21

JENKINS, Newell Sill; portrait and appreciation, 187
JOURNAL OF DENTAL RESEARCH; endowment fund: fifth report, 195; sixth report, 325; seventh report, 531; eighth report, 719
——; fundors: second annual registration, (27)

LANG and McConnell method; for demonstration of the presence of tubules in calcified portions of diseased dental pulps, 203
Locomotor system; diseases due to oral sepsis, 43 (v)
"Loose teeth." See periodontoclasia
Lowy's medicated tooth-paste; "F. E. I.," 565

McCONNELL and Lang method; for demonstration of the presence of tubules in calcified portions of diseased dental pulps, 203
McCormack's standardized technique; for oral radiography, 467, 551, 557
Mammals; evolution of dentition, 89
Marsupials; evolution of dentition, 89
Massachusetts Dental Society; scientific proceedings, xlvii
Medicated tooth-paste; "F. E. I.," 565
Medicine, internal; and oral sepsis, 43 (v)
Meltzer, Samuel James; portrait and appreciation, 535
Memorial: appreciation; Newell Sill Jenkins, 187
——: ——; Samuel James Meltzer, 535
——: fund; John R. Callahan, 192
Mennen's Cream Dentifrice; not acid as advertised, 293
Mercuric chloride; toxicity compared with that of potassium chlorate, 313
Metabolic system; diseases due to oral sepsis, 43 (v)
Method: Berwick's; for oral disinfection, 21
——: Lang and McConnell's; for demonstration of the presence of tubules in calcified portions of dental pulp, 203
——: McCormack's; for standardized oral radiography, 467, 551, 557
——: Novitzky's; for the surgical removal of devitalized (dead) teeth, 567, 579, 585
——: Rhein's; for the treatment of non-vital teeth, 579, 585
——: Zentler's; for surgical treatment of suppurative gingivitis, xvii
——: vital staining of teeth, 1
Monkeys; evolution of dentition, 357, 608

NECROSIS; radiograms, 467, 502
Nervous system; diseases due to oral sepsis, 43 (v)
Nitrite of sodium; toxicity compared with that of potassium chlorate, 511
Non-vital teeth. See pulpless, "dead," or devitalized

Novitzky's method; for the surgical removal of devitalized (dead) teeth, 567, 579, 585

OLEATE of sodium; toxicity compared with that of potassium chlorate, 511
Oral disinfection; methods, 21
Oral hygiene; prophylactic procedure, xxix
——; studies of the validity of advertised claims for products of public importance in relation to oral hygiene or dental therapeutics, 293, 299, 313, 511
Oral operative findings; compared with radiograms, 467
Oral radiography; standardized technique, with classified findings and verified interpretations, 467, 551, 557
Oral sepsis; and internal medicine, 43 (v)
Origin and evolution; human dentition, 89, 215, 357, 607
Osteitis serrata; radiograms, 467, 506
Osteogenesis; radiograms, 467, 508
Osteosclerosis; radiograms, 467, 504

PALÆONTOLOGICAL review; origin and evolution of human dentition, 89, 215, 357, 607
Pebeco Tooth-paste; studied from the standpoint of the toxicity of potassium chlorate, 313, 511
Pepsin; no peptic activity in Pepsodent used as a dentifrice, 299
Pepsodent; "Bulletin No. 4" does not show that Pepsodent exerts appreciable digestive action on dental mucin plaques, 299
Pericementum; histology, 1
——; relation to the condition of "dead" teeth, 74 (xiii), 567, 579, 585
Periodontitis; radiograms, 467, 492
Periodontoclasia; calcification in pulps of teeth affected by pyorrhea, 203
——; etiology, pathology, treatment, 77
——; radiograms, 467, 500
——; surgical treatment, xvii
Periodontology; special reference to periodontoclasia, 77
Persistent teeth; of the albino rat, 1
Physicians; in coöperation with dentists, 43 (v)
Piltdown problem, 680
Pithecanthropus problem, 688
Potassium: *chlorate;* relative toxicity, in its bearing on the use of Pebeco Tooth-paste, 313, 511
——: *chloride;* toxicity compared with that of potassium chlorate, 511
——: *sulfocyanate;* toxicity compared with that of potassium chlorate, 313, 511
——: *thiocyanate;* toxicity compared with that of potassium chlorate, 313, 511
President's annual address; Massachusetts Dental Society (1920), xlvii
Primates, lower; evolution of dentition, 215
——, higher; evolution of dentition, 607
Proceedings, scientific: dental and stomatological societies, 721, i; first section, iii; second section, xxvii; third section, xxxiii; fourth section, xlv
——: ——; discussion, v, xiii, xxxv, liii
Prophylaxis, oral; procedure, xxix
Pulp, dental; calcification, 203
——; classification of teeth with special reference to infective focal and systemic sequelae, 327 (xxxv)
——; devitalization: research plan, 285
——; infected before exposure by caries, 537
——; normal histology, 1
Pulpless teeth; classification, with reference to infective focal and systemic sequelae, 327 (xxxv)
——; research plan, 285
Pyorrhea alveolaris. See periodontoclasia

RADIOGRAMS; classification of findings, with verified interpretations, 467, 551, 557
Radiography, oral; standardized technique, with classified findings and verified interpretations, 467, 551, 557
Removable bridge. See bridge-work
Reptiles; evolution of dentition, 89
Research plan; pertaining to pulpless teeth and pulp devitalization, 285

Respiratory apparatus; diseases due to oral sepsis, 43 (v)
Reviews: books, (33)
——: human cementum, 59 (xiii)
——: oral sepsis and internal medicine, 43 (v)
——: origin and evolution of human dentition, 89, 215, 357, 607
——: periodontology; periodontoclasia, 77
——: problem of devitalized (dead) teeth, 567, 579, 585
——: progressive dentistry and stomatology, 77, 567, 579, 585
Rhein's root-canal technique; adequacy debated, 579, 585
Riggs' disease. See periodontoclasia

SALT, common; toxicity compared with that of potassium chlorate, 313, 511
Scientific proceedings: dental and stomatological societies, 721, i; first section, iii; second section, xxvii; third section, xxxiii; fourth section, xlv
——: ——; discussion, v, xiii, xxxv, liii
Sepsis, oral; and internal medicine, 43 (v)
Soaps; toxicity compared with that of potassium chlorate, 313, 511
Societies, dental and stomatological: list of names, 722, iv, xxviii, xxxiv, xlvi
——: scientific proceedings, i; first section, iii; second section, xxvii; third section, xxxiii; fourth section, xlv
——: ——; discussion, v, xiii, xxxv, liii
Sodium: *arsenite;* toxicity compared with that of potassium chlorate, 313
——: *chlorate;* toxicity compared with that of potassium chlorate, 511
——: *chloride;* toxicity compared with that of potassium chlorate, 313, 511
——: *nitrite;* toxicity compared with that of potassium chlorate, 511
——: *oleate;* toxicity compared with that of potassium chlorate, 511
Staining, vital; of teeth, 1
Standardized technique; for oral radiography, 467, 551, 557
Stomatological and dental societies: list of names, 722, iv, xxviii, xxxiv, xlvi
——: scientific proceedings, i; first section, iii; second section, xxvii; third section, xxxiii; fourth section, xlv
——: ——; discussion, v, xiii, xxxv, liii
Sulfocyanate, potassium; toxicity compared with that of potassium chlorate, 313, 511
Suppurative gingivitis; surgical treatment, xvii
Systemic diseases; and oral sepsis, 43 (v)
——; classification of teeth, with special reference to infective focal and systemic sequelae, 327 (xxxv)
——; relation of devitalized (dead) teeth, 567, 579, 585

TECHNIQUE. See methods
Teeth: calcification in pulp, 203
——: classification; with special reference to infective focal and systemic sequelae, 327 (xxxv)
——: "dead;" relation of cementum and pericementum, 74 (xiii)
——: devitalized (dead): can they be safely retained?, 567, 579, 585
——: ——; Novitzky's surgical method for their removal, 567, 579, 585
——: ——; Rhein's method for their treatment, 579, 585
——: focal infection and systemic diseases, 43 (v), 327 (xxxv)
——: infection of pulps before exposure by caries, 537
——: origin and evolution, 89, 215, 357, 607
——: persistent; albino rat, 1
——: pulpless; research plan, 285
——: stained with vital dyes, 1
——: systemic diseases and focal infection, 43 (v), 327 (xxxv)
Therapeutics, dental; studies of the validity of advertised claims for products of public importance in relation to oral hygiene or dental therapeutics, 293, 299, 313, 511

Thiocyanate, potassium; toxicity compared with that of potassium chlorate, 313, 511
Tooth-paste. See dentifrices
Treatment; periodontoclasia, 77, xvii
Trypan blue; teeth stained therewith, 16
Tubules; in calcified portions of dental pulp, 203

UROGENITAL system; diseases due to oral sepsis, 43 (v)

VITAL dyes; teeth stained therewith, 1
Vital staining; of teeth, 1
Vital teeth; with infected pulps, 537

X-RAY. See radiography

ZENTLER'S method; for the surgical treatment of suppurative gingivitis, xvii